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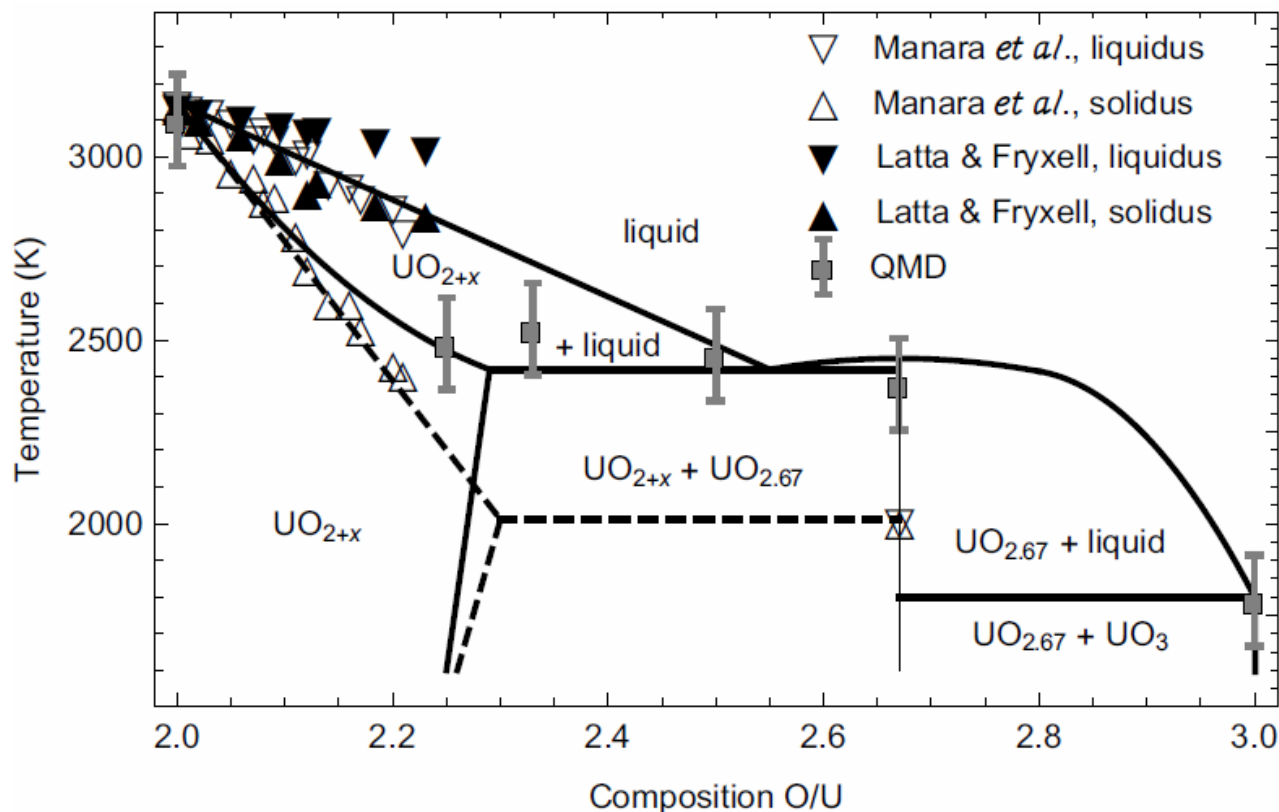


Fig. 1. Comparison of the ambient melting points of stoichiometric uranium oxides obtained from first principles quantum molecular dynamics (QMD) simulations to other theoretical calculations and the available experimental data.